

1st Assistant Engineer Towboat

WS-11
WES-09JOB CONTROLS

1. Under general supervision of Chief Engineer, exercises own initiative and judgment in discharging daily responsibilities as shift engineer, and as 1st Assistant to the Chief Engineer and is responsible for all mechanical equipment in his absence.
2. Receives oral and written directives, and technical guidance from superior and performs repairs and new installations in accordance with directives blueprints, specifications, and other technical assistance. Work is subject to spot check and upon completion is inspected for compliance with general mechanical requirements.

MAJOR DUTIES

As 1st Assistant to Chief Engineer on a towboat, is in charge of a regular crew composed of oilers, fireman, and wipers on watch. During the absence of Chief Engineer is responsible for the three watches and efficient operation of all mechanical equipment. Checks to insure correct and efficient work.

1. Stands a regular watch and is immediately responsible for efficient and continuous operation of all engineroom machinery, including boilers, engines, generators, relays, starters, air compressors, fuel pumps, water filters and pumps, fire pumps, propeller and rudder mechanism, refrigeration, plants, drinking water and cooler systems, plumbing facilities, cooling and heating systems, electric wiring, winches, and other similar mechanical equipment.
 2. Makes adjustments and emergency repairs on own initiative and reports major repairs or breakdown to supervisor. Makes inspections to see that all moving parts are properly lubricated. Checks all water systems to insure proper chlorination in drinking water and proper chemicals for sedimentations and other purposes. Checks to see that firemen, oilers and strikers are correctly and efficiently performing their duties and assists in case of emergency.
 3. As principal assistant to Chief Engineer, assists in instructing and training subordinates in policies, procedures, and application of safety rules. Discusses conditions of mechanical equipment and needed repairs. Helps plan and schedule repair work for the three watches, assists in major maintenance and repair work during lay up periods.
 4. Is required to possess Engineer's license issued by United States Coast Guard commensurate with horsepower of vessel to which assigned.
- Performs other incidental duties as assigned.